

The Consultative Group on Biological Diversity

2005 Annual Meeting “Connecting the Regional to the Global” Timberline Lodge, Mt. Hood, Oregon

Tuesday, May 31

- 5:30 pm **Reception** – *Raven’s Nest*
- 6:30 pm **Welcome** – *Ullman Hall*
Jeanne Sedgwick, *David & Lucile Packard Foundation*, & Melissa
Dann, *Wallace Global Fund*, CGBD Board of Directors
- Keynote** - **"States as Laboratories of Progressive Policy"**
Honorable John Kitzhaber, *Former Governor of Oregon*
- 7:30pm **Dinner** – *Ullman Hall*

Wednesday, June 1

- 7:15 am **Breakfast** – *Cascade Dining Room*
- 8:15 am **Welcome & Overview** – *Ullman Hall*
Chuck Savitt, *Tides Foundation* & Beto Bedolfe, *Marisla Foundation*,
2005 Annual Meeting Co-Chairs
- 8: 30 am **“The Resurrection of Environmentalism:
Where Do We Go From Here?”**
Denis Hayes, *Bullitt Foundation*
- 9:15 am **Biodiversity and Environmental Health in Land Use**

In recent years, public awareness of the adverse impacts of sprawling land-use patterns has increased substantially. To date, however, strategies to reduce sprawl largely have overlooked the substantial impact of land-use patterns on biodiversity, habitat and human health. This problem stems most notably from a lack of shared knowledge and understanding between conservation scientists and land use planners. Chris Duerksen, *Clarion Associates and Rocky Mountain Land Use Institute*, will address approaches that can assist communities to address this problem and will provide successful case studies from his forthcoming book, Nature Friendly Communities. Richard Jackson, *California Department of Health Services*, will expand the discussion to examine the direct and indirect impacts of sprawl on human health and well-being. He will outline the prospects for improving public health through alternative approaches to design, land use and transportation.

Hooper Brooks, *Surdna Foundation*, moderator

10:45 am

Break

11:00 am

Don't Blame Canada: Lessons from the North

The recent Arctic Climate Impact Assessment tells us of communities and wildlife in danger with serious changes underway. The U.S. federal government drags its feet, leaving states and regions to lead. Meanwhile, Canada at the federal and provincial levels offers a ray of hope by taking a leadership role in North America to reduce the risk of dangerous climate change. We will hear from one of the authors of the Arctic Climate Impact Assessment, Susan Hassol, on the changes taking place and their consequences for polar bears, seals, Arctic people, and the rest of the world. We will then learn from Louise Comeau, *Sage Climate Project*, of federal Canadian action—signing the Kyoto Protocol, signing a voluntary agreement with the auto industry to significantly reduce tailpipe emissions, among other actions. Jane Gray, *Executive Council, Manitoba Government*, will then share success stories and lessons learned from the Provincial level where Manitoba has made great strides in addressing climate change. The panel will give us a sense of the problem and viable, replicable, winnable solutions.

Leslie Harroun, *Oak Foundation*, moderator

12:30 pm

Lunch & Remarks – Barlow Hall

“Findings from the Millennium Ecosystem Assessment”

Cristián Samper, Director, *Smithsonian's Museum of Natural History*

2:00 pm

Break to Enjoy the Great Outdoors/Walking Arts Tour

4:00 pm

Endangered ESA? The Future of Endangered Species Protection –

Ullman Hall

This year's Endangered Species Act reauthorization battle and anticipated changes to the Act invite the question, “What might our work look like in the face of an altered ESA?” Those working to protect species are at a crossroads, with some parting ways on how best to proceed. This session will frame a visionary, provocative discussion on the future of species protection efforts and will consider some shorter-term strategies to address the current reauthorization challenge. Panelists with present different visions for the future of species protection efforts in the US and will describe how other countries without specific ESA legislation work to forestall species loss.

John Leshy, *Wyss Foundation*, moderator

Patti Goldman, *Earthjustice*

Michael Bean, *Environmental Defense*

Cristián Samper, *Museum of Natural History*, responding

6:00 pm

Reception – Raven's Nest

7:30 pm **Dinner** (with Working Group tables) - *Main Lobby, Head House*

Thursday, June 2

7:15 am **Breakfast** – *Cascade Dining Room*

8:30 am **Beyond Sex & Death in the Sea: New Tools in Place-based Ecosystem Management** – *Ullman Hall*

Marine conservation will only be successful if we shift from management of individual species or threats to management of entire ecosystems. In the water, as on land, managing ecosystems presents many challenges. In particular, it demands a much deeper understanding of how those systems function on multiple scales – from nearshore neighborhoods to the open ocean. Using high-tech tools, scientists are generating new insights about the dynamics of marine ecosystems and the processes that sustain them. Elliott Norse, *Marine Conservation Biology Institute*, will discuss new technologies and their impact on marine conservation. Steve Palumbi, *Stanford University*, will discuss the insights coming from DNA analysis and other tools, and the implications for public policy—from designing marine reserve networks to managing international fisheries.

Jim Leape, *David and Lucile Packard Foundation*, moderator

10:00 am **Break**

10:30-Noon **Concurrent Sessions**

The King and Queen of Troubled Waters – *Ullman Hall*

For centuries Salmon have been an iconic species from California to Japan, linking communities and countries. Across the north Pacific, however, anthropogenic disturbances have altered the structure and natural processes of coastal watersheds, diminishing the productivity of critical salmon habitat. Human attempts to manage salmon as a commercial resource have further exacerbated the problem—introducing threats from open-net cage aquaculture, production hatcheries, and non-selective, unsustainable industrial-scale fisheries.

Examples have emerged on the local, regional and international scale as potential models for salmon conservation. We'll hear from a local community based fisheries project; work to identify best management practices as a basis for investment, purchase screens, and certification; and an international effort to build salmon refuges throughout the Northern Pacific Rim from the Tillamook National Forest in coastal Oregon to the Kamchatka Peninsula in the Russian Far East.

Pic Walker, *Gordon and Betty Moore Foundation*, moderator

Guido Rahr, *Wild Salmon Center*

Peter Kirby, *Taku River Tlingit*

Jason Clay, *World Wildlife Fund*

The Quiet Revolution: Solutions for Ecologically Sound and Socio-economically Just Forest Restoration – *Raven's Nest*

A quiet revolution is taking place in forest management and protection. It focuses on community based forest restoration and rejects the notion that environmental protection and economic vitality are mutually exclusive. It advances new strategies that press for corporate responsibility and force change in corporate timber forestry practices through market based incentives and disincentives. This movement is operating at multiple scales, from small-scale restoration projects, to national efforts that promote forest restoration policies that re-invest in the natural and social capital to domestic and international market campaigns aimed at changing the unsustainable industrial model of resource extraction.

This panel will present success stories from the local, regional, national and international levels. These solution-oriented partnerships and strategies are the catalysts for lasting systemic change in a world with unchecked demand on forest resources and the need to maintain family-wage jobs and restore forests in rural communities.

Eric Jones, *Flintridge Foundation*, moderator
Michael Marx, *Ethical Business Campaigns Network*
Randi Spivak, *American Lands Alliance*
Diane Snyder, *Wallowa Resources*

Noon

Grab Box Lunches for Field Trips

12:30 pm

Vans Depart for Choice of Field Trips

Forest Watch Field Trip - Sandi Scheinberg & Mary Taylor, *Bark*
We'll visit a proposed timber sale site in the Mt. Hood National Forest and learn how a Forest Watch group ground-truths a controversial sale. This field trip will take the form of a workshop, including a hands-on exercise in ground-truthing. We will use standard tools of analysis to compare the forest we see with US Forest Service claims of unhealthy forests. We will have the opportunity to discuss the role of the forest for drinking water, recreation and wildlife. Using Mt. Hood as an example, we will offer a general overview of threats to forests across the region, including fragmentation from roads, increasing fire risk from logging, etc. We will review recent legislation and Bush Administration rollbacks. We will also discuss opportunities for collaboration with communities and stewardship contracting.

Salmon Field Trip- Jeff Curtis & Kaitlin Lovell, *Trout Unlimited*
We'll visit the Warm Springs Hatchery on the Warm Springs Indian Reservation. This hatchery is considered one of the better facilities in the Columbia Basin. The trip will provide participants a deeper understanding of the impacts of hatchery fish on wild populations and the Bush Administration's policies that would use hatchery fish as surrogates for wild fish when making decisions under the federal Endangered Species Act. Upcoming federal and state

agency decisions involving hatchery fish and the ESA will affect protection on over 150,000 square miles of salmon habitat in the West. Participants will have the opportunity to see both adult and juvenile spring chinook salmon and steelhead at the hatchery, learn first-hand about the issues involving salmon genetics, life histories and interaction with wild salmon, and participate in an out-planting at a local creek. The Warm Springs hatchery is located in a scenic high desert area not far from the Deschutes River.

- 5:30 pm **Return From Field Trips**
- 6:00 pm **Reception – *Raven’s Nest***
- 7:00 pm **Micro-brew Dinner – *Ullman Hall***
- 8:30 pm **Time with Colleagues**

Friday, June 3

- 7:15 am **Breakfast – *Cascade Dining Room***
- 8:30 am **Capacity for What? Aligning Efforts with Outcomes – *Ullman Hall***
(Funders Only)
For more than 30 years, foundations have understood that nonprofit organizations need core skills and competencies to be effective, and funders have invested millions of dollars in support centers, trainings, surveys, and consultants in the service of something called *capacity building*. People on the cutting edge of capacity building work are now asking the question, “Capacity for what?” The challenge is to build capacity within *context* – the context of missions, lifecycles, and circumstances of funders and grantees. Capacity needs must be addressed developmentally and sequentially, with ultimate outcomes in mind.
- Moderator Barbara Kibbe, *Skoll Foundation*, will briefly review the history of environmental capacity building, creating the context for a discussion about where funders might turn next. Using two case studies presented by Jim Leape, *Packard Foundation*, and Paul Beaudet, *Wilburforce Foundation*, of foundations that have long but distinctive experiences with capacity building we will learn what they have done, what they have learned along the way, and how they make decisions about capacity building. And, we’ll reserve significant time for questions and discussion.
- 10:00 am **Break**
- 10:30 am **Annual Business Meeting**
- 11:30 am **Lunch** (or box lunches for airport)

THE CONSULTATIVE GROUP ON BIOLOGICAL DIVERSITY

2005 Annual Meeting

May 31 – June 3, 2005

Timberline Lodge
Mt. Hood, Oregon

Speaker Biographies

Michael Bean

Since 1977, Michael J. Bean has headed the Wildlife Program of Environmental Defense (formerly known as the Environmental Defense Fund) in Washington, D.C. Last year he became the co-director of that organization's new Center for Conservation Incentives, which was established with major support from the Doris Duke Charitable Foundation. Previously, he was with the law firm of Covington & Burling, and then the Environmental Law Institute, where he wrote the first edition of *The Evolution of National Wildlife Law*, now in its third edition (1997) with co-author Melanie J. Rowland.

Bean is recognized as a leading authority on the Endangered Species Act and its implementation. Much of his current endangered species conservation work focuses on the challenge of conserving rare species on privately owned land. He has sought to develop creative ways of reconciling landowner objectives with rare species conservation efforts, and has developed or contributed to a variety of novel endangered species conservation agreements with private landowners in North and South Carolina, Virginia, Florida, Texas, California, and Hawaii. He has also contributed to the development of innovative "conservation banks" for endangered species in Georgia and Alabama, and is currently working on similar banks elsewhere. He has been a leading proponent within the environmental community of creating incentives to encourage and reward conservation initiatives by private landowners.

Bean graduated from Yale Law School in 1973 and from the University of Iowa in 1970. He is admitted to the bar of the District of Columbia, and has served as director of the Pew Fellows Program in Marine Conservation and as a member of the board of directors of the Environmental Law Institute and the Board on Environmental Studies and Toxicology of the National Research Council of the National Academy of Sciences. He recently served on the National Wildlife Refuge Centennial Commission. He received one of the first distinguished achievement awards from the Society for Conservation Biology for his work on behalf of the conservation of endangered species, and was in the first class of Pew Scholars in Conservation and the Environment. In February 2005, he was invited to deliver the fourth Robert Minge Brown Lecture at Stanford University Law School, an award that was established to honor a distinguished scholar, policy maker, or lawyer in the environmental field who has made major contributions to the development of innovative and effective approaches to environmental policy. Previous awardees were former Interior Secretary Bruce Babbitt, former Senator Tim Wirth, and ocean explorer Sylvia Earle.

Jason Clay

Jason Clay is currently Vice President, Center for Conservation Innovation, World Wildlife Fund (WWF). Over the course of his career, he has worked on a family farm, taught at Harvard University, worked in the US Department of Agriculture and spent more than 20 years working with human rights and environmental NGOs. In addition to analyzing and predicting human rights abuses, in the 1980s

Jason was one of the inventors of green marketing and developed markets for rainforest products with more than 200 companies (including Rainforest Crunch with Ben and Jerry's).

Jason leads aquaculture and agriculture work within the WWF network. Since 1999 he has directed the WWF/World Bank/FAO/NACA Shrimp Aquaculture and the Environment Consortium. He is currently developing principles, criteria and measurable standards for shrimp aquaculture certification. In addition, work is now beginning work on the impacts, practices that reduce them and market trends for the aquaculture production of trout, tilapia, catfish, salmon, mussels, clams, oysters, scallops, abalone, and agar. Work on salmon began in February 2004 with a dialogue to kick off a multi-year program to identify impacts and ways to reduce them from salmon aquaculture.

Jason's latest book, *World Agriculture and the Environment*, was published by Island Press in March 2004. It includes chapters on the environmental impacts, as well as the identification of practices to reduce them to acceptable levels, of producing 21 commodities including shrimp and salmon from aquaculture.

Louise Comeau

Louise Comeau is Project Director of the Sage Climate Project at the Sage Centre and an associate with the International Institute for Sustainable Development.

Work for both organizations is focused on research and policy recommendations aimed at meeting the Kyoto Protocol target and setting the stage for long-term greenhouse gas reductions based on sustainable development.

Prior to joining Sage and IISD, Louise was Director General of Policy, Advocacy and Communications and the Director of the Centre for Sustainable Community Development at the Federation of Canadian Municipalities where she established the Green Municipal Funds.

Louise has worked on climate change, energy policy and sustainable development since 1991, starting with non-government organizations, moving to FCM in May 1998 and then the Sage Centre in 2004 and IISD in 2005.

Chris Duerksen

Christopher Duerksen, Esq. is managing director of Clarion Associates of Colorado, LLC, a land use consulting firm with offices in Denver, Fort Collins, North Carolina, Chicago, Cincinnati, and Philadelphia. He has represented local governments, nonprofits, and the private sector in a variety of land-use and zoning matters and specializes in development code revisions, growth management planning, historic preservation, natural resource and scenic area protection strategies, airport-area development, and market development strategies. A co-founder of the Rocky Mountain Land Use Institute, Duerksen has written and spoken extensively on land use issues in Colorado and nationally. He has authored many books and articles on land use and conservation issues, including *Takings Law in Plain English*, *Aesthetics*, *Community Character*, *and the Law*, and *True West: Authentic Development Patterns for Small Towns and Rural Areas*, and speaks extensively across the United States on those subjects. He is a former elected member of the city council in Fredericksburg, Virginia, and directed the Gateway/Stapleton Development Office for the City of Denver prior to joining Clarion. He has a law degree from the University of Chicago.

Patti Goldman

Patti Goldman is the managing attorney of Earthjustice's Northwest office, which protects natural resources and environmental quality through enforcement of environmental laws. For over a decade, Ms. Goldman has fought to safeguard the region's ancient forests, salmon, wildlife, water quality, and human health. She is a recognized Endangered Species Act expert and litigator. Over the past four years, she has battled Bush Administration rollbacks of environmental protections.

Ms. Goldman has been a public interest litigator for over two decades. For nearly a decade prior to joining Earthjustice in 1994, Ms. Goldman worked for Public Citizen Litigation Group, where she specialized in pesticides, trade and the environment, constitutional law, open government, and Supreme Court litigation.

Jane Gray

Jane Gray has worked for ten years as a Researcher and Policy Analyst in the Manitoba Legislature, with the past five years as a Senior Policy Analyst within the Cabinet Policy Secretariat of the Manitoba government. Her work has included policy and program development ranging from early childhood development and social services to climate change, water, forestry and land use policy. In particular, she has been involved in the establishment of Canada's first Healthy Child Cabinet Committee and Healthy Child program, Canada's first Water Protection Act and Department of Water Stewardship, the formation of the Manitoba Climate Change Task Force, the development of Manitoba's Climate Change Strategy and the formation of a cross-Canada climate change network.

Jane's educational background is in Sociology and Geography. She has a particular interest in the links between the environment, community development and the economy and draws much of her inspiration from the outdoors.

Dr. Susan Joy Hassol

Susan Joy Hassol is a researcher and writer with 20 years of experience in global change science. She is known for her ability to translate science into English, making complex issues accessible to policymakers and the public. She is the author of *Impacts of A Warming Arctic*, the synthesis report of the Arctic Climate Impact Assessment, on which she worked for four years with 300 scientists from the Arctic and beyond. She also testified about the impacts of Arctic warming before the U.S. Senate, and served as a media spokesperson for the assessment's findings.

While Susan's recent focus has been on the impacts of climate change on human and natural systems, her interests also include energy and environmental policy. She was a lead author of *Climate Change Impacts on the United States*, the synthesis report of the U.S. National Assessment of the Consequences of Climate Change. Susan authored a chapter on energy efficiency in a book titled *Innovative Energy Strategies for CO2 Stabilization*, published by Cambridge University Press in 2002. She wrote a feature article titled "A Change of Climate" in *Issues in Science and Technology* (Spring 2003) focusing on the actions of U.S. states, localities, and corporations in mitigating climate change.

Susan has also written and edited numerous articles, papers, and books for organizations including the United Nations Environment Programme, Scientific Committee on Problems of the Environment, and the Inter-American Institute for Global Change Research. She has served as Environment Fellow for the Aspen Institute, and as Research Associate and Director of Communications for the Aspen Global

Change Institute. She is currently writing a 90-minute documentary about global warming for HBO to air in April 2006.

Denis Hayes

The great dividing line in Denis Hayes' life was a three-year trip hitchhiking around the world between the ages of 19 and 22. He supported himself with various odd jobs (including as a model for Yamaha motorcycles and guitars, and as a disk jockey). Hayes traveled extensively throughout Asia, Africa, and the Middle East. He returned to America to complete his formal education, having decided one momentous night in the middle of the Namib Desert to spend his life trying to apply the principles of ecology to human affairs.

Denis graduated from Stanford University in 1969, having been student body president and an anti-war activist. In 1970, he took his first big step to introduce ecology into American public policy as the National Coordinator of the first Earth Day. Earth Day, which mobilized more than 20 million participants, is often credited with launching the modern American environmental movement *as a movement*.

Denis spent the next couple of years lobbying for the Clean Air Act and Clean Water Act, and launching the first "Dirty Dozen" campaign to defeat twelve Congressmen with terrible environmental records. Then, as a senior fellow of the Worldwatch Institute, Denis wrote a solar energy book, *Rays of Hope*, that was influential in America and was translated into many other languages.

During the Carter Administration, Denis served as Director of the federal Solar Energy Research Institute. He spent much of his time recruiting top scientists and lobbying Congress for more money. He and his team laid out a detailed strategy to obtain 25 percent of America's energy from renewable sources by the year 2000.

The Reagan Administration's decision to slash the Solar Institute's budget by 80 percent and fire half its staff overnight was the most traumatic blow of Denis' professional life. (Two people terminated that day went on to win Nobel prizes in other fields.) Denis spent the next decade practicing law in Silicon Valley and as an adjunct professor of energy engineering at Stanford University.

A dozen years ago, Denis returned to his roots in the Pacific Northwest, accepting the Presidency of the Bullitt Foundation - a \$100 million environmental philanthropy located in Seattle. He has spent the this period working to promote the Northwest economy as a global model for environmental health and sustainable development. He remains Chairman of the international Earth Day Network.

Dr. Richard Jackson

Dr. Richard Jackson, a native of Newark, New Jersey, is a graduate of the University of California School of Medicine at San Francisco, where he began his residency as a pediatrician. During his residency he took time off for a 2-year stint with the Centers for Disease Control and Prevention (CDC) as an officer in the Epidemic Intelligence Service (EIS). After his term as an EIS officer, Dr. Jackson obtained a Master of Public Health degree from the University of California at Berkeley and then began work as a public health medical officer with the California Department of Health Services.

Selected to be Director of the CDC's National Center for Environmental Health in 1994, Dr. Jackson worked tirelessly to study and address issues such as cancer, asthma, radiation effects, pesticide exposure, and toxicology, especially lead poisoning in children.

In recent years, Dr. Jackson has become convinced that a critically important and under-appreciated environmental health issue is that of the "built environment." To help educate people about the role of the built environment in health, Dr. Jackson collaborated with other professionals to create an important new Web site, Designing and Building Healthy Places, at <http://www.cdc.gov/healthyplaces>. In August 2003, CDC Director Dr. Julie Gerberding asked Dr. Jackson to serve as the CDC Director's Senior Advisor and to be the co-lead on CDC's Strategic Planning process areas related to Health Systems.

In March 2004, Governor Arnold Schwarzenegger appointed Dr. Jackson to the California Department of Health Services as State Public Health Officer. His responsibilities include direct leadership and oversight of the department's public health related activities. His major priorities are Emergency Preparedness, especially as it relates to terrorism, reversing the Obesity Epidemic in California, and Revitalizing the State's Public Health Workforce.

Barbara Kibbe

In her role as Vice President for Program and Effectiveness, Barbara is responsible for leading a growing team of professionals who guide the Skoll Foundation's grantmaking, as well as designing and implementing a system for measuring results of the Foundation's work overall.

Barbara has more than 20 years of experience in the nonprofit sector as a nonprofit executive, grantmaker and foundation program director. From 1996 to 2003 she was on the staff of the David and Lucile Packard Foundation, where she ultimately served as Director of the Organizational Effectiveness and Philanthropy Program, directing a total of \$100 million in grants over six years.

Barbara is the coauthor of two books: *Succeeding with Consultants*, published by the Foundation Center; and *Grantmaking Basics*, published by the Council on Foundations. She is a founder of Grantmakers for Effective Organizations (GEO), a group of more than 700 funders dedicated to building knowledge, promoting learning and encouraging dialogue on nonprofit and grantmaker effectiveness. Her newest publication, "Reflections on the Journey," is included in a collection of essays on the funder role in building nonprofit capacity that was published by Jossey-Bass and Grantmakers for Effective Organizations.

Barbara was twice selected by *The Nonprofit Times* for its annual list of the 50 most powerful and influential people in the nonprofit sector. She is a cum laude graduate of Wagner College (New York). She earned a J.D. degree from Brooklyn Law School.

Peter Kirby

In addition to his role as President of Taku Wild, Peter Kirby currently serves as Manager of Capital Projects and Economic Development for the Taku River Tlingit First Nation, as well as Manager of Atlin Tlingit Development Corporation, Taku Land Corporation. Since moving to Atlin in 1998 Peter has managed the infrastructure of the TRTFN, including TRT housing, community buildings, fuel and heavy equipment business, as well as establishing a company to promote the micro hydro project (to replace diesel electricity generation). As Economic Development Officer Peter assists in land planning and the conservation area design, and manages the consultation process with other agencies. Previously Peter

has worked in the construction, forestry and airline industries, as well as serving as an English language instructor in Japan. Peter holds an AS from Langara College, Philosophy Degree from Simon Fraser University, an Aircraft Maintenance Engineer License and a Commercial Pilots License.

The Honorable John Kitzhaber

John Kitzhaber served as Oregon Governor from 1995 to 2003. He was President of the State Senate from 1985 until 1993. Gov. Kitzhaber has been closely involved with natural resource issues in Oregon and the West during his entire public service career. As governor of Oregon, he was an advocate for finding innovative and cooperative solutions to the natural resource issues confronting the region. He served as co-chair of the Western Governors' Association efforts that developed a comprehensive strategy to address forest health and the risk of catastrophic fire throughout the West. He took the lead on Columbia River management issues. His administration developed and implemented the Oregon Plan for Salmon and Watersheds as a way to involve local communities in the recovery of threatened and endangered salmon runs. Gov. Kitzhaber joined with former Utah Gov. Mike Leavitt to develop the "Enlibra" approach to resource management, and led the effort to address the forest health crisis in the Northwest through his work with the Blue Mountains Demonstration Area. In August 2004, Dr. Kitzhaber began serving as the President of the Kitzhaber Center, a natural resource center housed at Lewis & Clark Law School in Portland, Oregon.

Michael Marx

Michael Marx, Executive Director, Corporate Ethics International received his doctorate from the University of Wisconsin-Madison, where he taught organizational behavior in the business school. He was the president of Selection Sciences, Inc. a San Francisco based management consulting firm for 10 years. His clients included Hewlett-Packard, Memorex, Fireman's Fund, Transamerica, Pacific Bell, American Express, Riggs Bank, and other Fortune 1000 companies. Michael was a board member of the Rainforest Action Network [www.ran.org].

He designed and then directed the International Boycott Mitsubishi Campaign for the Rainforest Action Network for four years. Michael then became the executive director of the Coastal Rainforest Coalition (CRC), which at the time had two staff (and budget of \$200,000) to coordinate campaign efforts of five organizations (Greenpeace, Rainforest Action Network, American Lands Alliance, Natural Resources Defense Council, and Sierra Club) engaged in the Great Bear Rainforest Campaign.

At the successful conclusion of the campaign, the coalition dissolved and he transformed CRC into ForestEthics [www.forestethics.org], which at the time of his departure had grown to a staff of 18 and annual budget of \$1.4 million within three years.

Elliott Norse

Elliott A. Norse is President of Marine Conservation Biology Institute (MCBI), President of the Society for Conservation Biology's Marine Section and a Pew Fellow in Marine Conservation. After earning a B.S. in 1969 with honors in biology, geology and music from Brooklyn College, his Ph.D. research at the University of Southern California and postdoctoral research at the University of Iowa examined the ecology of blue crabs in the Caribbean and tropical East Pacific. He earned his wings in conservation in 1978 at the US Environmental Protection Agency, then at the President's Council on Environmental Quality, Ecological Society of America, The Wilderness Society and The Ocean Conservancy before

founding MCBI in 1996. MCBI is a nonprofit science and conservation advocacy organization dedicated to advancing the new science of marine conservation biology and applying scientists' insights to protecting and recovering the Earth's biological integrity.

Since securing the designation of four National Marine Sanctuaries at CEQ in 1980, Elliott has focused on stopping destructive resource extraction (bottom trawling, clearcutting), protecting endangered species, establishing protected areas and advancing the new science of conservation biology. To create a new scientific paradigm for protecting marine life, he organized the first and second *Symposia on Marine Conservation Biology* in 1997 and 2001. To focus attention on the imperiled state of the world's oceans, he wrote and launched the *Troubled Waters: A Call for Action* statement in 1998, signed by more than 1,600 scientists around the world, and the *Scientists' Statement on Conserving the World's Deep-sea Coral and Sponge Ecosystems* in 2004, signed by more than 1,100 scientists from 69 nations. He was instrumental in founding the Society for Conservation Biology (1986), Ocean Wilderness Network (2000) and Deep Sea Conservation Coalition (2004). Among his 130+ publications are four books—*Conserving Biological Diversity in Our National Forests* (1986), *Ancient Forests of the Pacific Northwest* (1990), *Global Marine Biological Diversity* (1993) and *Marine Conservation Biology: The Science of Maintaining the Sea's Biodiversity* (to be released on World Oceans Day, June 8, 2005)—and a catalytic paper, "Disturbance of the seabed by mobile fishing gear: A comparison with forest clearcutting" (*Conservation Biology*, 1998). Having learned conservation in terrestrial and marine ecosystems by working at the science/policy interface for 27 years now, Elliott looks forward to doing much more for the Earth in the second half of his career.

Steve Palumbi

Steve's research group includes students and post-doctoral fellows actively engaged in study of the genetics, evolution, population biology and systematics of a diverse array of marine organisms. Steve's own research interests are similarly widespread, and he has published over 100 papers on the genetics and ecology of a variety of marine and terrestrial systems. A major focus of Steve's laboratory work is on the conservation and management of marine populations based on insight from molecular genetics. This approach has been applied to the design and implementation of marine protected areas for conservation and fisheries enhancement, as well as to reconstruction of past population sizes of baleen whales, and the identification of whale and dolphin products available in commercial markets. He has co-organized a working group at the National Center for Ecological Analysis and Synthesis on Marine Protected Areas, co-organized a American Association for the Advancement of Science symposium on this topic, and has prepared a report on marine reserves as ecosystem tools for the Pew Oceans Commission.

Communication to non-scientists is a core part of Steve's activities. He recently published a book for non-scientists that exposes the impact of humans on evolution, particularly of disease and pest organisms. *The Evolution Explosion* (WW Norton, NY) describes in non-technical language the process of evolution. In addition, Steve helped write and research and also appears in a new TV series *The Future is Wild* (BBC, Animal Planet, Discovery Channel) that explores the way evolution may shape the animals and plants of the world 5 million, 100 million and 200 million years in the future. Continuing projects include work on a new microdocumentary series called *Short Attention Span Science Theater* (<http://microdocs.org>), and completion of a CD with Steve's studio band *Flagella*.

Steve holds a Ph.D. from the University of Washington, and a BA from The Johns Hopkins University. He has received numerous awards for research and conservation, including a Pew Fellowship in Marine Conservation.

Guido Rahr

The Wild Salmon Center is an international, non-profit organization dedicated to protecting salmon ecosystems across the Northern Pacific Rim. The Wild Salmon Center has forty staff members, offices in Portland, Oregon, Seattle Washington, Moscow and Petropavlovsk, Kamchatka and is implementing joint projects with a range of organizations including Moscow State University, University of Montana Flathead lake Biological Stations, Ecotrust (Portland, Oregon), and the United Nations Development Programme.

Mr. Rahr earned a Masters of Environmental Studies from Yale University and has twenty years of experience working for regional and international conservation organizations, including [Conservation International](#) and [Oregon Trout](#), where his work won the President's Fisheries Conservation Award from the American Fisheries Society. Mr. Rahr serves as Chair of the World Conservation Union (IUCN) Salmonid Specialist Group, board member of the Hoh River Trust, and publishes articles on salmon and river conservation in both scientific and popular literature.

Cristián Samper

A bi-national citizen of the United States and Colombia, Dr. Samper was born in Costa Rica (where his father was serving as Director-General of the Institute for Inter-American Cooperation) and raised in Colombia, where he did his undergraduate studies in biology. He received both an M.A. and Ph.D. in biology from Harvard University in 1992. After graduate school, Dr. Samper returned to Colombia, founding and running the Alexander von Humboldt Institute, a partnership aimed at creating science-based environmental policy. At the same time, he served as chief science adviser to the Colombian Ministry of the Environment. In 2001, Dr. Samper came to the Smithsonian Institution, where he served as Deputy Director and Acting Director of the Smithsonian Tropical Research Institute in Panama until April 2003, when he was appointed Director of the National Museum of Natural History.

Diane Snyder

Diane Snyder is a fourth generation resident of Wallowa County, living on the ranch that was her grandfathers where she and her husband and their five children manage a small cow-calf operation and direct market grass-fed beef. Diane has extensive experience in land use planning, community development, public mediation and state and local government. She has worked for the Oregon State House of Representatives, serving as Committee Administrator for the State and Federal Affairs Committee and worked as the director of the Wallowa County Land Use Planning and Building Department. Diane currently serves as Executive Director of Wallowa Resources, a community based non-profit organization that is working to promote the health of the land and community. Ms. Snyder serves on numerous local, regional, state and national boards and commissions, including the Communities Committee of the Seventh American Forest Congress, the Oregon State Board of Forestry, the Oregon State Watershed Enhancement Board, the Oregon State Progress Board, Wallowa County Natural Resources Advisory Committee, Wallowa County Economic Development Council and Wallowa County Business Facilitation Board of Directors. She is a member of the Wallowa County Rotary Club, Wallowa County Chamber of Commerce, Liberty Grange and The Society of American Foresters. Diane is a woman of passion...for her family...her community...and, their environment.

Randi Spivak

Randi Spivak is Executive Director of American Lands Alliance. American Lands was founded 14 years ago to represent citizen activists working to protect and restore wildlife and wild places. American Lands provides national and regional leadership on federal forest policy issues by combining local grassroots experience with a deep understanding of national politics. She initiated the Restoration Steering Committee while serving on American Lands' board of directors and has brought organizational focus to American Lands. During her tenure Randi has been a leader in efforts by American Lands and its allies to administratively protect national forest roadless areas, old growth and limit the severity of legislation to roll back environmental protections by a very anti-environmental majority in the Congress.

Before becoming American Lands' Executive Director in 2001, Randi served as president of the board of directors of American Lands and also directed American Lands' Old Growth Campaign. Randi is a long-time forest advocate with extensive experience in national campaigns, advocacy and marketing. She was previously Campaign Manager for the extremely successful \$319 million Los Angeles County park and open space bond measure, Division Chief for a California state lands conservancy, and member of the executive committee of Earth Communications Office, the communication industry's environmental advocacy group. Previously, Randi was an advertising and marketing executive responsible for several leading national brands.